



**Having TROUBLE with operation?**

**Please reset your unit**

Refer to page of How to reset your unit

**Vous avez des PROBLÈMES de fonctionnement?**

**Réinitialisez votre appareil**

Référez-vous à la page intitulée Comment réinitialiser votre appareil

# JVC

ENGLISH

FRANÇAIS

## KD-R322/KD-R321

CD RECEIVER / RÉCEPTEUR CD

Dear Customer,  
This apparatus is in conformance with the valid  
European directives and standards regarding  
electromagnetic compatibility and electrical safety.

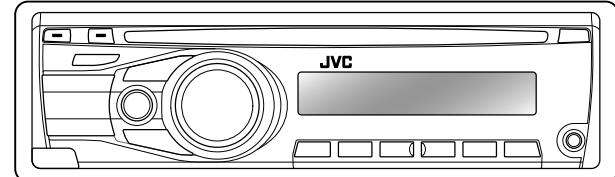
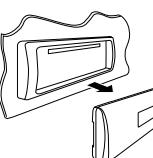
European representative of Victor Company of  
Japan, Limited is:  
JVC Technical Services Europe GmbH  
Postfach 10 05 04  
61145 Friedberg  
Germany

Cher(e) client(e),  
Cet appareil est conforme aux directives et  
normes européennes en vigueur concernant la  
compatibilité électromagnétique et à la sécurité  
électrique.

Représentant européen de la société Victor  
Company of Japan, Limited:  
JVC Technical Services Europe GmbH  
Postfach 10 05 04  
61145 Friedberg  
Allemagne



**WMA MP3 Radio Data System**



For canceling the display demonstration, see page 4. / Pour annuler la démonstration des  
affichages, référez-vous à la page 4.

For installation and connections, refer to the separate manual.  
Pour l'installation et les raccordements, se référer au manuel séparé.

# JVC



EN, FR

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0910DT5MDTJEIN

## INSTRUCTIONS MANUEL D'INSTRUCTIONS

GET0678-003A  
[E/EU]



Thank you for purchasing a JVC product.

Please read all instructions carefully before operation, to ensure your complete understanding and to obtain the best possible performance from the unit.

## **IMPORTANT FOR LASER PRODUCTS**

### **1. CLASS 1 LASER PRODUCT**

**2. CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.

**3. CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

### **4. REPRODUCTION OF LABEL: CAUTION LABEL, PLACED OUTSIDE THE UNIT.**

CAUTION	ATTENTION	AVISO	WARNING	注意	CAUTION
VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS IEC60825-1:2001 (ENG)	ENVIRONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES.	CLASSE 1M INVISIBLE Y/O VISIBLE LASERSTRÄLLUNG WHEN OPEN. NE PAS REGARDER DIRECTEMENT AVEC UN INSTRUMENT OPTIQUE.	VISIBLE Y/O INVISIBLE LASERSTRÄLLUNG KLASS 1M. NÄR DENNA ÅBENT. NO MIRRAR DIRECTAMENTE CON UN INSTRUMENTO OPTICO.	ここに表示と同様 クラス1M レーザー放熱が あります。 ドアを開いた ときに直接 鏡面で見 ないでください。 (SWE)	VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)



**Products**

**Battery**

### **Information for Users on Disposal of Old Equipment and Batteries**

#### **[European Union only]**

These symbols indicate that the product and the battery with this symbol should not be disposed as general household waste at its end-of-life.

If you wish to dispose of this product and the battery, please do so in accordance with applicable national legislation or other rules in your country and municipality.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health.

#### **Notice:**

The sign Pb below the symbol for batteries indicates that this battery contains lead.

### **WARNING:**

Stop the car before operating the unit.

### **Caution:**

Adjust the volume so that you can hear sounds outside the car. Driving with the volume too high may cause an accident.

### **Caution on volume setting:**

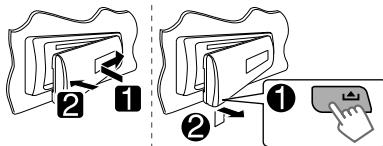
Discs produce very little noise compared with other sources. Lower the volume before playing a disc to avoid damaging the speakers by the sudden increase of the output level.

### **Caution for DualDisc playback:**

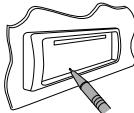
The Non-DVD side of a "DualDisc" does not comply with the "Compact Disc Digital Audio" standard. Therefore, the use of Non-DVD side of a DualDisc on this product may not be recommended.



## How to attach/detach the control panel



## How to reset your unit



Your preset adjustments will also be erased.

## How to forcibly eject a disc



- Be careful not to drop the disc when it ejects.
- If this does not work, reset your unit.

**Condensation :** When the car is air-conditioned, moisture may collect on the laser lens. This may cause disc read errors. In this case, remove the disc and wait for the moisture to evaporate.

**Temperature inside the car :** If you have parked the car for a long time in hot or cold weather, wait until the temperature in the car becomes normal before operating the unit.

## About discs

This unit can only play the CDs with:



### Discs that cannot be used:

- Discs that are not round.
- Discs with coloring on the recording surface or discs that are dirty.
- You cannot play a Recordable/ReWritable disc that has not been finalized. (For the finalization process refer to your disc writing software, and your disc recorder instruction manual.)
- 3-inch CD cannot be used. Attempt to insert using an adapter can cause malfunction.

## CONTENTS

- 3 How to attach/detach the control panel
- 3 How to reset your unit
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### Handling discs:

- Do not touch the recording surface of the disc.
- Do not stick tape etc. on the disc, or use a disc with tape stuck on it.
- Do not use any accessories for the disc.
- Clean from the center of the disc and move outward.
- Clean the disc with a dry silicon or soft cloth. Do not use any solvents.
- When removing discs from this unit, pull them out horizontally.
- Remove the rims from the center hole and disc edge before inserting a disc.



# Canceling the display demonstration

Display demonstration will be activated automatically if no operation is done for about 20 seconds.

## 1 Turn on the power.



## 2 [MENU] [Hold]



## 3 [MENU]



## 4 Select <DEMO OFF>.



## 5 [MENU]



## 6 Finish the procedure.



# Setting the clock

## 1 Turn on the power.



## 2 [MENU] [Hold]



## 3 Select <CLOCK>.



## 4 Select <CLOCK SET>.



## 5 Adjust the hour.



(Initial setting)

## 6 Adjust the minute.



## 7 Select <24H/12H>.



## 8 Select <24 HOUR> or <12 HOUR>.

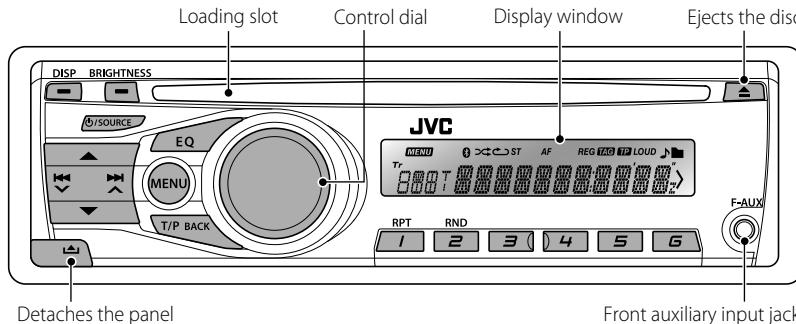


## 9 Finish the procedure.





# Basic operations



When you press or hold the following button(s)...

Button	General operation
∅/SOURCE	<ul style="list-style-type: none"><li>Turns on.</li><li>Turns off [Hold].</li><li>Selects the sources (FM, CD, F-AUX, BT AUDIO or R-AUX or BT PHONE, AM). "CD" is selectable only when a disc is loaded.</li></ul>
Control dial (turn)	<ul style="list-style-type: none"><li>Adjusts the volume level.</li><li>Selects items.</li></ul>
Control dial (press)	<ul style="list-style-type: none"><li>Mutes the sound while listening to a source. If the source is "CD," playback pauses. Press the control dial again to cancel muting or resume playback.</li><li>Confirms selection.</li></ul>
EQ	<ul style="list-style-type: none"><li>Selects the sound mode.</li><li>Enters tone level adjustment directly [Hold]. (page 10)</li></ul>
Number buttons (1 – 6)	<ul style="list-style-type: none"><li>Selects preset stations.</li><li>Stores the current station into the selected number button [Hold].</li><li>Press number button <b>1 (RPT)</b> or <b>2 (RND)</b> to enter REPEAT/RANDOM setting directly. (page 8)</li></ul>
BRIGHTNESS	Enters < BRIGHTNESS > menu directly. (page 11)
T/P BACK	<ul style="list-style-type: none"><li>Activates/deactivates TA Standby Reception.</li><li>Enters PTY Searching mode [Hold].</li><li>Returns to the previous menu.</li><li>Exit from the menu [Hold].</li></ul>
DISP	<ul style="list-style-type: none"><li>Changes the display information.</li><li>Scrolls the display information [Hold].</li></ul>



# Listening to the radio



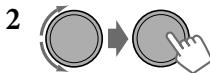
⇒ "FM" or "AM"



"ST" lights up when receiving an FM stereo broadcast with sufficient signal strength.

- Auto search [Press].
- Manual search [Hold].
- "M" flashes, then press the button repeatedly.

## Improving the FM reception



⇒ <TUNER> ⇒ <MONO> ⇒ <MONO ON>  
Reception improves, but stereo effect  
will be lost.

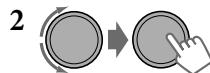
**To restore the stereo effect**, repeat the same procedure to select <MONO OFF>.

## Automatic presetting (FM) —

### SSM (Strong-station Sequential Memory)

You can preset up to 18 stations for FM.

While listening to a station...



⇒ <TUNER> ⇒ <SSM> ⇒  
<SSM 01 – 06 / 07 – 12 / 13 – 18>  
"SSM" flashes and local stations with the  
strongest signal are searched and stored  
automatically.

**To preset another 6 stations**, repeat the  
above procedure by selecting one of the other  
6 SSM setting ranges.

## Changing the display information (for non-Radio Data System station)

DISP



Frequency ↔ Clock

## Manual presetting (FM/AM)

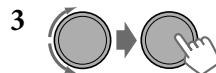
You can preset up to 18 stations for FM and 6 stations for AM.



⇒ Tune in to a station you want to  
preset.



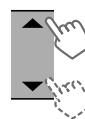
"PRESET MODE" flashes.



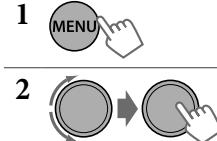
⇒ Selects preset number.  
Preset number flashes and "MEMORY"  
appears.

- Pressing and holding the number buttons (1 – 6) can also store the current station to the selected number buttons (1 – 6).

## Selecting a preset station



or



- Pressing the number buttons (1 – 6) can also select the preset stations (1 – 6).



## The following features are available only for FM Radio Data System stations.

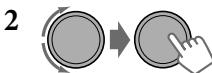
### Searching for your favourite FM Radio Data System programme—PTY Search

You can tune in to a station broadcasting your favourite programme by searching for a PTY code.



[Hold]

The last selected PTY code appears.



⇒ Select one of your favourite programme types or a PTY code, and start searching.

If there is a station broadcasting a programme of the same PTY code as you have selected, that station is tuned in.

**PTY codes:** NEWS, AFFAIRS, INFO, SPORT, EDUCATE, DRAMA, CULTURE, SCIENCE, VARIED, POP M (music), ROCK M (music), EASY M (music), LIGHT M (music), CLASSICS, OTHER M (music), WEATHER, FINANCE, CHILDREN, SOCIAL, RELIGION, PHONE IN, TRAVEL, LEISURE, JAZZ, COUNTRY, NATION M (music), OLDIES, FOLK M (music), DOCUMENT

### TA Standby Reception

TA Standby Reception allows the unit to switch temporarily to Traffic Announcement (TA) from any source other than AM.

#### To activate TA Standby Reception



If the TP indicator lights up, TA Standby Reception is activated.  
If the TP indicator flashes, TA Standby Reception is not yet activated.

- To activate the reception, tune in to another station providing Radio Data System signals required for TA Standby Reception.
- To deactivate the reception, press **T/P BACK** again.

### NEWS Standby Reception

NEWS Standby Reception allows the unit to switch temporarily to your NEWS programme from any source other than AM.

**To activate NEWS Standby Reception**, see <NEWS-STBY>. (page 12)

### Tracing the same programme—Network-Tracking Reception

When driving in an area where FM reception is not sufficient enough, this unit automatically tunes in to another FM Radio Data System station of the same network, possibly broadcasting the same programme with stronger signals.

**To change the Network-Tracking Reception setting**, see <AF-REG>. (page 12)

### Automatic station selection—Programme Search

Usually when you select a preset number, the station preset in that number is tuned in. If the signals from the FM Radio Data System preset station are not sufficient for good reception, this unit, using the AF data, tunes in to another frequency possibly broadcasting the same programme as the original preset station is broadcasting.

**To activate Programme Search**, see <P-SEARCH>. (page 12)

### Changing the display information



Station name (PS) → Station  
Frequency → Programme type (PTY) → Clock → (back to the beginning)



# Listening to a disc



⇒ "CD"



All tracks will be played repeatedly until you change the source or eject the disc.

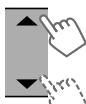
Playback starts automatically.

## Stopping playback and ejecting the disc



If the ejected disc is not removed within 15 seconds, it is automatically inserted into the loading slot.

## Selecting a track/folder



Selects folder of the MP3/WMA



[Press] Selects track.  
[Hold] Fast-forwards or reverses the track.

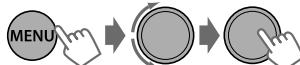
## Changing the display information



Disc title/Album name/performer (folder name)\* → Track title (file name)\* → Current track number with the elapsed playing time → Current track number with the clock time → (back to the beginning)

\* "NO NAME" appears for conventional CDs or if not recorded.

## Selecting a track/folder from the list



- If the MP3/WMA disc contains many tracks, you can fast search ( $\pm 10$ ,  $\pm 100$ ) through the disc by turning the control dial quickly.
- To return to the previous menu, press **T/P BACK**.

## Selecting the playback modes

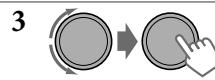
You can use only one of the following playback modes at a time.



- Pressing number button **1 (RPT)** or **2 (RND)** can enter REPEAT/RANDOM setting directly. Then, perform step **3**.



⇒ "REPEAT" ↔ "RANDOM"



**REPEAT**

TRACK RPT : Repeats current track  
FOLDER RPT : Repeats current folder

**RANDOM**

FOLDER RND : Randomly plays all tracks of current folder, then tracks of next folders

ALL RND : Randomly plays all tracks

**To cancel repeat play or random play, select "RPT OFF" or "RND OFF."**



# Connecting the other external components

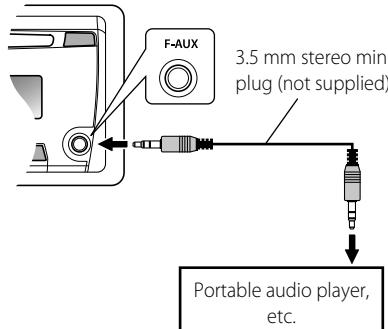
You can connect an external component to the auxiliary input jack on the control panel (F-AUX) and/or on the rear side of the unit (R-AUX).

Summary of using the external components through the auxiliary input jacks:

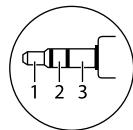
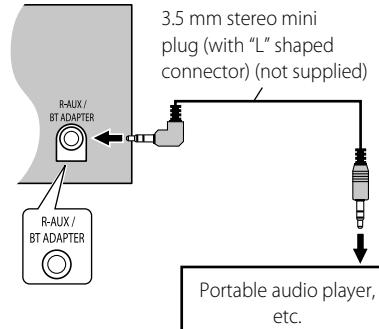
External component	Auxiliary input jack	Preparation			Source name	Connecting cable/device (not supplied)
		Menu setting item	Sub-item	Setting		
Portable audio player	Front	SRC SELECT	F-AUX	ON	F-AUX	See below.
	Rear	SRC SELECT	R-AUX	ON	R-AUX	
Bluetooth device	Rear	SRC SELECT	R-AUX	BT ADAPTER	BT AUDIO/BT PHONE*	KS-BTA100 (page 14)

\* "BT PHONE" appears when a Bluetooth phone is in use.

## On the control panel (F-AUX):



## On the rear panel (R-AUX):



Recommended to use a 3-terminal plug head stereo mini plug for optimum audio output.

# Listening to the other external components

For details, refer also to the instructions supplied with the external components.



⇒ "F-AUX" or "R-AUX"

2 Turn on the connected component and start playing the source.



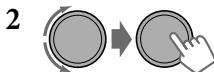
# Selecting a preset sound mode

You can select a preset sound mode suitable for the music genre.



**FLAT** → **NATURAL** →  
**DYNAMIC** → **VOCAL BOOST** →  
**BASS BOOST** → **USER** → (back to the beginning)

While listening, you can adjust the subwoofer level and tone level of the selected sound mode.



Adjust the level:  
 SUB.W\*: 00 to 08  
 BASS/ MID/ TRE: -06 to +06  
 The sound mode is automatically stored and changed to "USER".

\* Subwoofer level is adjustable only when <L/O MODE> is set to <SUB.W>. (page 11)

## Storing your own sound mode

You can store your own adjustments in memory.



⇒ <PRO EQ> ⇒ <BASS/ MIDDLE/ TREBLE>



Adjust the sound elements of the selected tone.

**BASS** [Initial: 80 Hz, 00, Q1.0]

Frequency: 60/ 80/ 100/ 200 Hz

Level: -06 to +06

Q: Q1.0/ 1.25/ 1.5/ 2.0

**MIDDLE** [Initial: 1.0 kHz, 00, Q1.25]

Frequency: 0.5/ 1.0/ 1.5/ 2.5 kHz

Level: -06 to +06

Q: Q0.75/ 1.0/ 1.25

**TREBLE** [Initial: 10.0 kHz, 00, Q FIX]

Frequency: 10.0/ 12.5/ 15.0/ 17.5 kHz

Level: -06 to +06

Q: Q FIX

4 Repeat steps 2 and 3 to adjust other tones.

The adjustments made is automatically stored and changed to "USER".

# Menu operations



If no operation is done for about 60 seconds, the operation will be canceled.



3 Repeat step 2 if necessary.

- To return to the previous menu, press **T/P BACK**.
- To exit from the menu, press **DISP** or **MENU**.

Menu item	Selectable setting, [Initial: <u>Underlined</u> ]						
<b>DEMO</b>	For settings, see page 4.						
<b>CLOCK</b>	<table border="1"> <tr> <td><b>CLOCK SET</b></td><td>For settings, see page 4.</td></tr> <tr> <td><b>24H/12H</b></td><td>For settings, see page 4.</td></tr> <tr> <td><b>CLOCK ADJ*</b></td><td><b>AUTO</b> : The built-in clock is automatically adjusted using the CT (clock time) data in the Radio Data System signal. / <b>OFF</b> : Cancels.</td></tr> </table>	<b>CLOCK SET</b>	For settings, see page 4.	<b>24H/12H</b>	For settings, see page 4.	<b>CLOCK ADJ*</b>	<b>AUTO</b> : The built-in clock is automatically adjusted using the CT (clock time) data in the Radio Data System signal. / <b>OFF</b> : Cancels.
<b>CLOCK SET</b>	For settings, see page 4.						
<b>24H/12H</b>	For settings, see page 4.						
<b>CLOCK ADJ*</b>	<b>AUTO</b> : The built-in clock is automatically adjusted using the CT (clock time) data in the Radio Data System signal. / <b>OFF</b> : Cancels.						

\*1 Takes effect only when CT (clock time) data is received.





Menu item	Selectable setting, [Initial: <u>Underlined</u> ]
DIMMER	<b>DIMMER SET</b> <b>AUTO</b> : Dims the display to the previous setting when you turn on the car headlights. <sup>*2</sup> / <b>ON</b> : Dims the display and button illumination (50% of the selected brightness level). / <b>OFF</b> : Cancels (100% of the selected brightness level).
	<b>BRIGHTNESS</b> <b>DAY</b> [ <u>25</u> ] / <b>NIGHT</b> [ <u>11</u> ] : Selects the display and button illumination brightness level [ <b>00</b> — <b>31</b> ] for day and night.
DISPLAY	<b>SCROLL</b> <sup>*3</sup> <b>ONCE</b> : Scrolls the displayed information once. / <b>AUTO</b> : Repeats scrolling (at 5-second intervals). / <b>OFF</b> : Cancels. (Pressing <b>DISP</b> for more than one second can scroll the display regardless of the setting.)
	<b>TAG DISPLAY</b> <b>ON</b> : Shows the Tag information while playing MP3/WMA tracks. / <b>OFF</b> : Cancels.
PRO EQ	See page 10.
AUDIO	<b>FADER</b> <sup>*4, *5</sup> <b>R06</b> — <b>F06</b> [ <b>00</b> ] : Adjusts the front and rear speaker output balance.
	<b>BALANCE</b> <sup>*5</sup> <b>L06</b> — <b>R06</b> [ <b>00</b> ] : Adjusts the left and right speaker output balance.
	<b>LOUD</b> <b>ON</b> : Boost low and high frequencies to produce a well-balanced sound at a low volume level. / <b>OFF</b> : Cancels.
	<b>VOL ADJUST</b> <b>-05</b> — <b>+05</b> [ <b>00</b> ] : Presets the volume adjustment level of each source (except "FM"), compared to the FM volume level. The volume level will automatically increase or decrease when you change the source. Before adjustment, select the source you want to adjust. ("VOL ADJ FIX" appears on the display if "FM" is selected as the source.)
	<b>L/O MODE</b> <b>SUB.W</b> : Selects if the REAR/SW terminals are used for connecting a subwoofer (through an external amplifier). / <b>REAR</b> : Selects if the REAR/SW terminals are used for connecting the speakers (through an external amplifier).
	<b>SUB.W LPF</b> <sup>*6</sup> <b>LOW 55Hz</b> / <b>LOW 85Hz</b> / <b>LOW 120Hz</b> : Frequencies lower than 55 Hz/85 Hz/120 Hz are sent to the subwoofer.
	<b>SUB.W LEVEL</b> <sup>*6</sup> <b>00</b> — <b>08</b> [ <b>04</b> ] : Adjusts the subwoofer output level.
	<b>HPF</b> <b>ON</b> : Activates the High Pass Filter. The unit selects the cutoff frequency to the rear speakers. / <b>OFF</b> : Deactivates (all signals are sent to the rear speakers).
	<b>BEEP</b> <b>ON</b> / <b>OFF</b> : Activates or deactivates the keypress tone.
	<b>TEL MUTING</b> <sup>*7</sup> <b>ON</b> : Mutes the sounds while using the cellular phone (not connected through KS-BTA100). / <b>OFF</b> : Cancels.

<sup>\*2</sup> The illumination control lead connection is required. (See "Installation/Connection Manual.") This setting may not work correctly on some vehicles (particularly on those having a control dial for dimming). In this case, change the setting to any other than <DIMMER AUTO>.

<sup>\*3</sup> Some characters or symbols will not be shown correctly (or will be blanked) on the display.

<sup>\*4</sup> If you are using a two-speaker system, set the fader level to "00."

<sup>\*5</sup> This adjustment will not affect the subwoofer output.

<sup>\*6</sup> Displayed only when <L/O MODE> is set to <SUB.W>.

<sup>\*7</sup> This setting does not work if <BT ADAPTER> is selected for <R-AUX> of the <SRC SELECT>.

Continued...



Menu item		Selectable setting, [Initial: Underlined]
AUDIO	<b>AMP GAIN</b> <sup>*8</sup>	<b>LOW POWER</b> : VOLUME 00 – VOLUME 30 (Selects if the maximum power of each speaker is less than 50 W to prevent damaging the speakers.) / <b>HIGH POWER</b> : VOLUME 00 – VOLUME 50
	<b>SSM</b> <sup>*9</sup>	See page 6.
	<b>AF-REG</b> <sup>*10</sup>	<b>AF ON</b> : When the currently received signals become weak, the unit switches to another station (the programme may differ from the one currently received). (The AF indicator lights up.) / <b>AF-REG ON</b> : When the currently received signals become weak, the unit switches to another station broadcasting the same programme. (The AF and REG indicators light up.) / <b>OFF</b> : Cancels.
	<b>NEWS-STBY</b> <sup>*9, *10</sup>	<b>NEWS ON</b> / <b>NEWS OFF</b> : Activates or deactivates NEWS Standby Reception.
	<b>P-SEARCH</b> <sup>*10</sup>	<b>SEARCH ON</b> / <b>SEARCH OFF</b> : Activates Programme Search (if AF-REG is turn on) or deactivates.
	<b>MONO</b> <sup>*9</sup>	See page 6.
TUNER	<b>IF BAND</b>	<b>AUTO</b> : Increases the tuner selectivity to reduce interference noises between adjacent stations. (Stereo effect may be lost.) / <b>WIDE</b> : Subject to interference noises from adjacent stations, but sound quality will not be degraded and the stereo effect will remain.
	<b>AM</b> <sup>*11</sup>	<b>ON</b> / <b>OFF</b> : Enable or disable "AM" in source selection.
	<b>F-AUX</b> <sup>*11</sup>	<b>ON</b> / <b>OFF</b> : Enable or disable "F-AUX" in source selection.
SRC SELECT	<b>R-AUX</b> <sup>*11</sup>	<b>ON</b> / <b>OFF</b> : Enable or disable "R-AUX" in source selection. / <b>BT ADAPTER</b> <sup>*12</sup> : Selects if the rear auxiliary input jack is connected to the Bluetooth adapter, KS-BTA100. (page 9)

\*8 The volume level automatically changes to "VOLUME 30" if you change to <LOW POWER> with the volume level set higher than "VOLUME 30."

\*9 Displayed only when the source is "FM."

\*10 Only for FM Radio Data System stations.

\*11 Displayed only when any source other than "AM/ F-AUX/ R-AUX/ BT AUDIO" is selected separately.

\*12 When <BT ADAPTER> is selected, source name is changed to "BT AUDIO" from "R-AUX."

## Additional information

- This unit can play back multi-session discs; however, unclosed sessions will be skipped while playing.
- This unit can play back files with the extension code <.mp3> or <.wma> (regardless of the letter case—upper/lower).
- This unit can play back the files meeting the conditions below:
  - Bit rate: MP3/WMA: 8 kbps — 320 kbps
  - Sampling frequency:  
MP3: 48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz  
WMA: 48 kHz, 44.1 kHz, 32 kHz, 22.05 kHz
- This unit can show WMA Tag and ID3 Tag Version 1.0/1.1/2.2/2.3/2.4 (for MP3).
- The search function works but search speed is not constant.
- The maximum number of characters for file/folder names vary depending on the disc format used (includes 4 extension characters—<.mp3> or <.wma>).  
ISO 9660 Level 1 and 2, Romeo: 64 characters, Joliet: 32 characters, Windows long file name: 64 characters
- This unit can play back files recorded in VBR (variable bit rate). (Files recorded in VBR have a discrepancy in elapsed time indication.)
- This unit cannot play back the following files:
  - MP3 files: encoded in MP3i and MP3 PRO format; an inappropriate format; layer 1/2.
  - WMA files: encoded in lossless, professional, and voice format; not based upon Windows Media® Audio; copy-protected with DRM.
  - Files which have data such as AIFF, ATRAC3, etc.



# Troubleshooting

	Symptom	Remedy/Cause
General	Sound cannot be heard from the speakers.	<ul style="list-style-type: none"><li>• Adjust the volume to the optimum level.</li><li>• Make sure the unit is not muted/paused. (page 5)</li><li>• Check the cords and connections.</li></ul>
	"MISWIRING CHK WIRING THEN RESET UNIT" appears on the display and no operations can be done.	Check to be sure the terminals of the speaker leads are covered with insulating tape properly, then reset the unit. (page 3) If the message does not disappear, consult your JVC IN-CAR ENTERTAINMENT dealer or a company supplying kits.
	The unit does not work at all.	Reset the unit. (page 3)
	"F-AUX" or "R-AUX" cannot be selected.	Check the <SRC SELECT> → <F-AUX / R-AUX> setting. (page 12)
	Sound is sometimes interrupted while listening to an external component connected to the auxiliary input jack.	Check to be sure the recommended stereo mini plug is used for connection. (page 9)
FM/AM	SSM automatic presetting does not work.	Store stations manually.
	Static noise while listening to the radio.	Connect the aerial firmly.
	"AM" cannot be selected.	Check the <SRC SELECT> → <AM> setting. (page 12)
Disc playback	Disc cannot be played back.	Insert the disc correctly.
	CD-R/CD-RW cannot be played back and track cannot be skipped.	Insert a finalized CD-R/CD-RW (finalize with the component which you used for recording).
	Disc sound is sometimes interrupted.	Stop playback while driving on rough roads. / Change the disc. / Check the cords and connections.
	"NO DISC" appears on the display.	Insert a playable disc into the loading slot.
	"PLEASE" and "EJECT" appear alternately on the display.	Press ▲, then insert a disc correctly.
MP3/WMA playback	"IN DISC" appears on the display.	The disc cannot be ejected properly. Make sure nothing is blocking the loading slot.
	Disc cannot be played back.	<ul style="list-style-type: none"><li>• Use a disc with MP3/WMA tracks recorded in a format compliant with ISO 9660 Level 1, Level 2, Romeo, or Joliet.</li><li>• Add the extension code &lt;.mp3&gt; or &lt;.wma&gt; to the file names.</li></ul>
	Noise is generated.	Skip to another track or change the disc.
	"READING" keeps flashing on the display.	A longer readout time is required. Do not use too many hierarchical levels and folders.
	Tracks do not play back in the order you have intended them to play.	The playback order is determined when the files are recorded.
	The elapsed playing time is not correct.	This sometimes occurs during playback. This is caused by how the tracks are recorded on the disc.
	The correct characters are not displayed (e.g. album name).	This unit can only display letters (upper case), numbers, and a limited number of symbols.



# Using Bluetooth® devices

For Bluetooth operations, it is required to connect the Bluetooth adapter, KS-BTA100 (not supplied) to the auxiliary input jack (R-AUX/BT ADAPTER) on the rear of the unit. (page 9)

- For details, refer also to the instructions supplied with the Bluetooth adapter and the Bluetooth device.
- Operations may be different according to the connected device.

## Preparation

### 1 Register (pair) a Bluetooth device with KS-BTA100.

Refer to the instructions manual supplied with KS-BTA100.

### 2 Change the <SRC SELECT> settings of this unit.



## Using the Bluetooth mobile phone

**Adjusting the microphone volume**  
Volume level: High/ Normal (initial)/ Low

- Receiving a call  
When a call comes in...
- Making a call  
Making a call to the last connected number from your phone.
- Switching between handsfree and phone  
While talking...
- Ends/rejects call
- Voice dialing  
Voice dialing is available only when the connected mobile phone has the voice recognition system.

## Using the Bluetooth audio device



If playback does not start, operate the Bluetooth audio player to start playback.



### About microphone volume:

- When you turn off the power of the CD receiver, the volume level changes to Normal.



# Specifications

## AUDIO AMPLIFIER SECTION

### *Maximum Power Output :*

*Front/Rear :* 50 W per channel

### *Continuous Power Output (RMS) :*

*Front/Rear :* 20 W per channel into 4 Ω,  
40 Hz to 20 000 Hz at no more than 1% total  
harmonic distortion.

### *Load Impedance :* 4 Ω (4 Ω to 8 Ω allowance)

### *Frequency Response :* 40 Hz to 20 000 Hz

### *Signal-to-Noise Ratio :* 70 dB

### *Line-Out or Subwoofer-Out Level/*

*Impedance :* 2.5 V/20 kΩ load (full scale)

### *Output Impedance :* 1 kΩ

## TUNER SECTION

### *Frequency Range :*

*FM :* 87.5 MHz to 108.0 MHz

*AM :* MW : 531 kHz to 1 611 kHz

LW : 153 kHz to 279 kHz

### *FM Tuner :*

*Usable Sensitivity :* 9.3 dBf (0.8 μV/75 Ω)

*50 dB Quieting Sensitivity :* 16.3 dBf  
(1.8 μV/75 Ω)

*Alternate Channel Selectivity (400 kHz) :*

65 dB

*Frequency Response :* 40 Hz to 15 000 Hz

*Stereo Separation :* 40 dB

### *MW Tuner :*

*Sensitivity/Selectivity :* 20 μV/40 dB

### *LW Tuner :*

*Sensitivity :* 50 μV

## CD PLAYER SECTION

### *Type :* Compact disc player

*Signal Detection System :* Non-contact optical  
pickup (semiconductor laser)

### *Number of Channels :* 2 channels (stereo)

### *Frequency Response :* 5 Hz to 20 000 Hz

### *Signal-to-Noise Ratio :* 98 dB

### *Wow and Flutter :* Less than measurable limit

### *MP3 Decoding Format (MPEG1/2 Audio*

*Layer 3 :* Max. Bit Rate: 320 kbps

### *WMA (Windows Media® Audio) Decoding*

*Format :* Max. Bit Rate: 192 kbps

## GENERAL

### *Power Requirement :* Operating Voltage:

DC 14.4 V (11 V to 16 V allowance)

### *Grounding System :* Negative ground

### *Allowable Operating Temperature :*

0°C to +40°C

### *Dimensions (W × H × D) : (approx.)*

– Installation Size :

182 mm × 52 mm × 159 mm

– Panel Size :

188 mm × 59 mm × 9 mm

### *Mass :* 1.2 kg (excluding accessories)

Subject to change without notice.

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## Maintenance

### Cleaning the unit

Wipe off the dirt on the panel with a dry silicon or soft cloth. Failure to observe this precaution may result in damage to the monitor or unit.

### Cleaning the connector

Wipe off dirt on the connector of the unit and panel. Use a cotton swab or cloth.



Merci pour avoir acheté un produit JVC.

Veuillez lire attentivement toutes les instructions avant d'utiliser l'appareil afin de bien comprendre son fonctionnement et d'obtenir les meilleures performances possibles.

## **IMPORTANT POUR PRODUITS LASER**

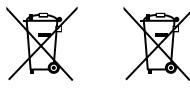
### **1. PRODUIT LASER CLASSE 1**

**2. ATTENTION:** N'ouvrez pas le couvercle supérieur. Il n'y a aucune pièce réparable par l'utilisateur à l'intérieur de l'appareil; confiez toute réparation à un personnel qualifié.

**3. ATTENTION:** Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

### **4. REPRODUCTION DE L'ÉTIQUETTE: ÉTIQUETTE DE PRÉCAUTION PLACÉE À L'EXTÉRIEUR DE L'APPAREIL.**

<b>CAUTION</b> VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS IEC60825-1:2001 (ENG)	<b>ATTENTION</b> RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)	<b>AVISO</b> RAYADÓN LASER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTA ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTO OPTICO. (ESP)	<b>WARNING</b> SYNLIG OCH/ELLER OSYNLIG LASERSTRÄLLNING, KLASS 1M, NÄR DENNA DEL AR ÖPPNAD. BETRAKTA EJ STRÄLLNINGEN OPTISK INSTRUMENT. (SWE)	<b>注意</b> ここを聞くと可視 及び不可視のレーザー のクラス1M のグラス1M レーザー放が 出ます。 光学機器で直接 見てはいけない (JPN)	<b>CAUTION</b> VISIBLE AND/OR INVISIBLE CLASS 1 LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR (ENG)
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**Produits**

### **Informations relatives à l'élimination des appareils et des piles usagés, à l'intention des utilisateurs**

#### **[Union européenne seulement]**

Ces symboles signifient que le produit et les piles ne doivent pas être éliminés en tant que déchet ménager à la fin de son cycle de vie.

Si vous souhaitez éliminer ce produit et les piles, faites-le conformément à la législation nationale ou autres règles en vigueur dans votre pays et votre municipalité.

En éliminant correctement ce produit, vous contribuez à la conservation des ressources naturelles et à la prévention des éventuels effets négatifs sur l'environnement et la santé humaine.

#### **Notification:**

La marque Pb en dessous du symbole des piles indique que cette pile contient du plomb.

### **AVERTISSEMENT:**

Arrêtez la voiture avant de manipuler l'appareil.

### **Attention:**

Ajustez le volume de façon à pouvoir entendre les sons extérieurs à la voiture. Conduire avec le volume trop haut peut être la cause d'un accident.

### **Précautions sur le réglage du volume:**

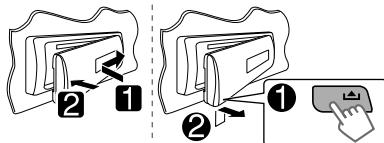
Les disques produisent très peu de bruit par rapport aux autres sources. Réduisez le volume avant de reproduire un disque afin d'éviter d'endommager les enceintes par la soudaine augmentation du niveau de sortie.

### **Précautions pour la lecture de disques à double face:**

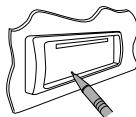
La face non DVD d'un disque à "DualDisc" n'est pas compatible avec le standard "Compact Disc Digital Audio". Par conséquent, l'utilisation de la face non DVD d'un disque à double face sur cet appareil n'est pas recommandée.



## Comment attacher/détacher le panneau de commande



## Comment réinitialiser votre appareil



Vos ajustements préglés sont aussi effacés.

## Comment forcer l'éjection d'un disque



[Maintenez pressée]

- Faites attention de ne pas faire tomber le disque quand il est éjecté.
- Si cela ne fonctionne pas, essayez de réinitialiser l'autoradio.

**Condensation :** Quand une voiture est climatisée, de la condensation peut se produire sur la lentille du laser. Cela peut être la cause d'une erreur de lecture du disque. Dans ce cas, retirez le disque et attendez que l'humidité s'évapore.

**Température à l'intérieur de la voiture :** Si votre voiture est restée garée pendant longtemps dans un climat chaud ou froid, attendez que la température à l'intérieur de la voiture redevienne normale avant d'utiliser l'appareil.

## À propos des disques

Cet appareil ne peut lire que les CD comportant:



### Disques qui ne peuvent pas être utilisés:

- Disques qui ne sont pas ronds
- Disques avec des colorations sur la surface d'enregistrement ou disques sales
- Vous ne pouvez pas reproduire un disque enregistrable/réinscriptible qui n'a pas été finalisé. (Pour le processus de finalisation, reportez-vous au logiciel utilisé pour graver le disque et au mode d'emploi du graveur de disque.)
- Les CD de 3 pouces ne peuvent pas être utilisés. Essayer d'insérer un disque à l'aide d'un adaptateur peut entraîner un dysfonctionnement de l'appareil.

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